

EXHIBIT 5

FILED UNDER SEAL

Windsor Laboratories

894 Hawthorn Avenue • Mechanicsburg, PA 17055

Phone: (717) 796-0537 • Fax: (717) 796-0537

Microscopic Evaluation of Agricultural Products

Members of the American Oil Chemists Society (AOCS)

January 6, 2014

TO: Dawn Weilbacher – 3N, Nestle Purina PetCare Company, Checkerboard Square, St. Louis, MO 63164

RE: Microscopic Analysis

Sample: L1327183-1; 1596A(K) Pet Food Kibble

Estimated Percent:

Chicken Meal	24
Ground Rice	20
Total Fat	15
Vegetable Pomace	14
Poultry By-Product Meal	12
Ground Barley	12
Beet Pulp	1
Total Chlorides as NaCl	0.50
pH = 5.8	

Sample: L1327183-2; 1596(B) Pet Food Dark Bits

Estimated Percent:

Canola Meal	41
Ground Oats	30
Total Fat	15
Ground Rice	12
Total Chlorides as NaCl	0.50
Weed Seed Fragments	0.2
pH = 5.8	

Sample: L1327183-3; 1597A(K) Pet Food Kibble

Estimated Percent:

Chicken Meal	35
Poultry By-Product Meal	14
Total Fat	14
Ground Barley	14
Vegetable Pomace	12
Ground Rice	8
Canola Meal	5
Total Chlorides as NaCl	0.73
pH = 5.8	

2.

Sample: L1327183-4; 1597(B) Pet Food Dark Bits

Estimated Percent:

Canola Meal	48
Ground Barley	20
Total Fat	16
Ground Rice	10
Meat & Bone Meal	2.5
Vegetable Pomace	1
Total Chlorides as NaCl	0.54
Weed Seed Fragments	0.5
pH = 6.0	

Sample: L1327183-5; 1598A(K) Pet Food Kibble

Estimated Percent:

Chicken Meal	38
Poultry By-Product Meal	18
Total Fat	15
Ground Barley	9
Ground Rice	8
Canola Meal	5
Vegetable Pomace	3
Meat & Bone Meal	2
Total Chlorides as NaCl	0.72
pH = 5.8	

Sample: L1327183-6; 1598B(B) Pet Food Dark Bits

Estimated Percent:

Canola Meal	76
Total Fat	12
Ground Yellow Corn	5
Millet	3
Dehydrated Alfalfa Meal	2
Total Chlorides as NaCl	0.42
Weed Seed Fragments	0.2
pH = 5.8	

3.

Sample: L1327183-7; 1599(A) Pet Food Kibble

Estimated Percent:

Ground Rice	47
Chicken Meal	20
Total Fat	14
Poultry By-Product Meal	10
Vegetable Pomace	4
Canola Meal	3
Total Chlorides as NaCl	0.84
pH = 6.0	

Sample: L1327183-8; 1599(B) Pet Food Dark Bits

Estimated Percent:

Canola Meal	70
Total Fat	14
Ground Barley	5
Millet	5
Ground Rice	4
Total Chlorides as NaCl	0.84
Weed Seed Fragments	0.2
pH = 6.0	

Sample: L1327184-1; 1605M 316510820713; One Beyond

Estimated Percent:

Chicken Meal	28
Canola Meal	24
Ground Rice	18
Total Fat	18
Ground Barley	10
Total Chlorides as NaCl	0.72
pH = 5.8	

Sample: L1327184-2; 1601A 321310820525; Canyon Creek Ranch

Estimated Percent:

Chicken Meal	24
Ground Rice	22
Ground Barley	18
Total Fat	18
Potato Starch (?)	8
Dried Carrot	4
Canola Meal	3
Total Chlorides as NaCl	1.08
pH = 5.8	

4.

Sample: L1327184-3; 1602A 332410821733; Pro Plan Select Estimated Percent:

Chicken Meal	35
Hydrolyzed Starch*	28
Total Fat	17
Canola Meal	13
Fish Meal	3
Beet Pulp	1
Total Chlorides as NaCl	1.0
Calcium Carbonate	0.1
pH = 5.8	

*The starch source has undergone such complete hydrolysis that identification via compound or stereo microscopy is not possible.

Signed _____
James V. Makowski, Ph.D.
Microscopist
Makowski@messiah.edu

Windsor Laboratories

894 Hawthorn Avenue • Mechanicsburg, PA 17055

Phone: (717) 796-0537 • Fax: (717) 796-0537

Microscopic Evaluation of Agricultural Products

Members of the American Oil Chemists Society (AOCS)

January 6, 2014

TO: Dawn Weilbacher – 3N, Nestle Purina PetCare Company, Checkerboard Square, St. Louis, MO 63164

RE: Microscopic Analysis

Sample: L1327183-1; 1596A(K) Pet Food Kibble

Estimated Percent:

Chicken Meal	24
Ground Rice	20
Total Fat	15
Vegetable Pomace	14
Poultry By-Product Meal	12
Ground Barley	12
Beet Pulp	1
Total Chlorides as NaCl	0.50
pH = 5.8	

Sample: L1327183-2; 1596(B) Pet Food Dark Bits

Estimated Percent:

Canola Meal	41
Ground Oats	30
Total Fat	15
Ground Rice	12
Total Chlorides as NaCl	0.50
Weed Seed Fragments	0.2
pH = 5.8	

Sample: L1327183-3; 1597A(K) Pet Food Kibble

Estimated Percent:

Chicken Meal	35
Poultry By-Product Meal	14
Total Fat	14
Ground Barley	14
Vegetable Pomace	12
Ground Rice	8
Canola Meal	5
Total Chlorides as NaCl	0.73
pH = 5.8	

4002
2,050

2.

Sample: L1327183-4; 1597(B) Pet Food Dark Bits

Estimated Percent:

Canola Meal	48
Ground Barley	20
Total Fat	16
Ground Rice	10
Meat & Bone Meal	2.5
Vegetable Pomace	1
Total Chlorides as NaCl	0.54
Weed Seed Fragments	0.5
pH = 6.0	

Sample: L1327183-5; 1598A(K) Pet Food Kibble

Estimated Percent:

Chicken Meal	38
Poultry By-Product Meal	18
Total Fat	15
Ground Barley	9
Ground Rice	8
Canola Meal	5
Vegetable Pomace	3
Meat & Bone Meal	2
Total Chlorides as NaCl	0.72
pH = 5.8	

Sample: L1327183-6; 1598B(B) Pet Food Dark Bits

Estimated Percent:

Canola Meal	76
Total Fat	12
Ground Yellow Corn	5
Millet	3
Dehydrated Alfalfa Meal	2
Total Chlorides as NaCl	0.42
Weed Seed Fragments	0.2
pH = 5.8	

3.

Sample: L1327183-7; 1599(A) Pet Food Kibble

Estimated Percent:

Ground Rice	47
Chicken Meal	20
Total Fat	14
Poultry By-Product Meal	10
Vegetable Pomace	4
Canola Meal	3
Total Chlorides as NaCl	0.84
pH = 6.0	

Sample: L1327183-8; 1599(B) Pet Food Dark Bits

Estimated Percent:

Canola Meal	70
Total Fat	14
Ground Barley	5
Millet	5
Ground Rice	4
Total Chlorides as NaCl	0.84
Weed Seed Fragments	0.2
pH = 6.0	

Sample: L1327184-1; 1605M 316510820713; One Beyond

Estimated Percent:

Chicken Meal	28
Canola Meal	24
Ground Rice	18
Total Fat	18
Ground Barley	10
Total Chlorides as NaCl	0.72
pH = 5.8	

Sample: L1327184-2; 1601A 321310820525; Canyon Creek Ranch

Estimated Percent:

Chicken Meal	24
Ground Rice	22
Ground Barley	18
Total Fat	18
Potato Starch (?)	8
Dried Carrot	4
Canola Meal	3
Total Chlorides as NaCl	1.08
pH = 5.8	

4.

Sample: L1327184-3; 1602A 332410821733; Pro Plan Select Estimated Percent:

Chicken Meal	35
Hydrolyzed Starch*	28
Total Fat	17
Canola Meal	13
Fish Meal	3
Beet Pulp	1
Total Chlorides as NaCl	1.0
Calcium Carbonate	0.1
pH = 5.8	

*The starch source has undergone such complete hydrolysis that identification via compound or stereo microscopy is not possible.

Signed _____
James V. Makowski, Ph.D.
Microscopist
Makowski@messiah.edu



Nestlé Purina PetCare

North America

Dawn Weilbacher – 3N
CHECKERBOARD SQUARE
ST. LOUIS, MO 63164-0001, USA
TEL. 314 982 3300
FAX 314 982 1078

December 27, 2013

PO: DR 3523

Windsor Laboratories
894 Hawthorn Avenue
Mechanicsburg PA 17055

Enclosed are 11 samples (L1327183-1 thru 8 & L1327184-1 thru 3) which I need testing for:

Microscopic Formula Breakdown

We would like these rushed if possible.

Please email results when they are available to: dawn.weilbacher@purina.nestle.com

Send report and invoice to me:

Dawn Weilbacher - 3N
Nestle Purina PetCare Company
Checkerboard Square
St. Louis, MO 63164
Phone: 314-982-3300

